COSMICAL IMMERSION

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Abstract. It is shown how the Occam Razor favors the one-parameter Coherent Cosmology against the 6-parameters L-CDM model, exhibiting dramatic faults in the development of Modern Cosmology. This confirms that the Cosmical Immergence which deduce the atomic dimension from cosmical elementary calculation must be taken seriously. The universality of Intelligent Life follows immediately.

In Cosmology, an obligatory preliminary calculation is to apply the elementary dimensional analysis (Length, Mass, Time) to compute a length where the local ‘c’ is replaced by the quasi-nonlocal $\hbar$. A term $m^3$ appears in the formula. The simplest choice is so the product of proton, neutron and electron masses. In September 1997, I thus obtained a value corresponding to half the so-called Universe age, in its actual indetermination, after the Palanck mission of 0.3%, the 2 factor coming from the critical condition $R/2 = cT/2 = GM/c^2$, where $M$ is the total equivalent mass of the visible Universe.

Applying an elementary gravito-electrical symmetry, this brings back directly to the bare Bohr radius [1], where ‘c’ does not appear, a fact one cannot explain directly without involving cosmology, as done above.

How such a mandatory calculation has escaped the scientist attention is a mystery of science. In fact, many drastic errors have been committed in the development of Modern Cosmology. Here is a more exhaustive list than in [2]:

1. Apply local equations (GR) to Cosmology
2. Call 'Hubble constant' the inverse of a time, while only distances are measured
3. Take seriously the value of this constant on the basis of only one far galaxy (Humason).
4. Reject the Eddington Theory on the basis of the above false value, while he has predicted the critical character, the galactic acceleration, and the correct values for the Universe radius and the equivalent number of atoms in the Universe [3].
5. Put $c = 1$ in formula, confounding Time and Space.
6. Consider the Cosmic Microwave Background as a proof of Primordial Big Bang (PBB), while only the steady-state cosmology has correctly predicted its temperature.
7. Explain the Large Number correlation by an imprecise Anthropic Principle.
8. Reject Van Flandren arguments for a tachyonic speed of gravity.
9. Tie the necessary electricity-gravitation synthesis to an unobservable PBB event.
10. Introduce a monstrous ad-hoc inflation to correct the PBB model
11. Censor any anormal observations, as those of Kotov [3], Arp, Napier, Tifft
12. Censor the above elementary calculation.
13. Censor the confirmation of the above calculation using a Coherent Principle, leading to Coherent Cosmology [4], where elementary non-relativistic demonstrations give the main so-called 'free-parameters of the official 6-parameter cosmology: in particular the Universe radius, the critical condition (witout inflation !), and the material coefficients 3/10 and 0.045.

The main lesson of History is that people forget the lessons of History. The Modern cosmology is clearly using again the 'epicycle process' of pre-Copernic astronomy. The application of the Occam razor gives preference to the above one-parameter Coherent Cosmology.

This means the above elementary calculation must be taken seriously. In other word the simplest way to compute the atom radius is to deduce it from Cosmology, which so becomes the simplest science. Now Platon said (Lois, XII, 961 d), "To avoid errance, individuals and politics must fix an
unique goal and find the strategic way towards this goal”. Clearly this goal is the comprehension of the Cosmos, and the way is the Immergence, the reverse of the well-known but not understood 'emergence phenomena'. These conceptions join Laughlin conceptions [5], but strangely enough, he did not coined this obvious neologism: the Cosmical Immergence concept.

Applying Cosmical Immergence to the mysteries of the famous strange 'illuminations' of discoverers such as Poincaré, it suffices to start from the calculation character [3] of the Cosmos to deduce that the Cosmos creates human beings to optimize its own computation process. It is the ultimate answer of the question 'why do we ask questions?' This corresponds to an Inverse Anthropic Principle, implying an universality of Intelligent Life [6].